

Attachment 3  
Inspection Schedule

ENVIRONMENTAL DISPOSAL SYSTEMS, INC.

TABLE 2.50-1  
INSPECTION SCHEDULE

<u>Inspection Category</u>	<u>Inspection Elements</u>	<u>Inspection Frequency</u>
Monitoring and Process Control Equipment	<ul style="list-style-type: none"> <li>• building heat (i)</li> <li>• liquid level indicators (a,b)</li> <li>• pH meters (a,b,c)</li> <li>• flow totalizers (a,b,c)</li> <li>• high level alarms (a,b)</li> <li>• overfill controls and shutoff (a,b)</li> <li>• air monitoring in building areas (i)</li> </ul>	Daily
Secondary Containment	<ul style="list-style-type: none"> <li>• tank containment walls and floors (d)</li> <li>• construction joints (d)</li> <li>• Locked rail cars</li> <li>• linings (d)</li> <li>• roadway curbs (d)</li> <li>• Unloading bay curb (d)</li> <li>• unloading bay trench and floor (d)</li> <li>• container storage area curb and floor (d)</li> <li>• roadway surface (d)</li> <li>• filter press containment and floor (d)</li> <li>• Clarifier containment and floor (d)</li> <li>• Filter containment and floor (d)</li> <li>• well containment curb and floor (d)</li> <li>• rail unloading (d) curb and floor</li> <li>• piping encasement floor and walls (d)</li> <li>• stormwater detention basin (d,e)</li> <li>• container storage area curbs and drums, sumps and pumps (d,e)</li> </ul>	Daily

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<u>Inspection Category</u>	<u>Inspection Elements</u>	<u>Inspection Frequency</u>
Aisle Spaces and Areas	<ul style="list-style-type: none"> <li>• truck unloading bay (f)</li> <li>• rail unloading bay (f)</li> <li>• storage tank areas (f)</li> <li>• clarifier areas (f)</li> <li>• filter press area (f)</li> <li>• filter areas (f)</li> <li>• lab area (f)</li> <li>• cat walks (f)</li> <li>• well areas (f)</li> <li>• storage areas (f)</li> </ul>	Daily
Process Equipment	<ul style="list-style-type: none"> <li>• tanks (g,h)</li> <li>• mixers (g,h)</li> <li>• Clarifier (g,h)</li> <li>• filters (g,h)</li> <li>• filter press (g,h)</li> <li>• air scrubber (g,h)</li> <li>• sumps (g,h)</li> <li>• pH balance system (g,h)</li> </ul>	Daily
Liquid Transfer Equipment	<ul style="list-style-type: none"> <li>• centrifugal pumps (g,h)</li> <li>• diaphragm pumps (g,h)</li> <li>• positive displacement pumps (g,h)</li> <li>• piping (g,h)</li> <li>• valves (g,h)</li> <li>• fittings (g,h)</li> <li>• connections (g,h)</li> <li>• hoses (g,h)</li> <li>• Double walled piping to injection wells (g,h)</li> </ul>	Daily
Radiation	<ul style="list-style-type: none"> <li>• Geiger counter readings in sampling area (i)</li> <li>• Pump operations (g)</li> <li>• Potential run on areas (g)</li> </ul>	Continuous

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<u>Inspection Category</u>	<u>Inspection Elements</u>	<u>Inspection Frequency</u>
Storm System Components	<ul style="list-style-type: none"> <li>• water truck (g,h)</li> <li>• security devices (g)</li> <li>• ditches (e)</li> <li>• Retention basin (e)</li> <li>• Rain water tank (g,e)</li> <li>• catch basins (g)</li> <li>• Drums (g)</li> <li>• Drains (g)</li> </ul>	Daily
Automated Sampling (i) of Storm Water	<ul style="list-style-type: none"> <li>• Storm water outlet (g,h)</li> <li>• Haul roads - Citrin Drive (g,h)</li> </ul>	Upon Discharge
Safety Equipment	<ul style="list-style-type: none"> <li>• Eyewashes (g,i)</li> <li>• showers (g,i)</li> <li>• interior signs (g,i)</li> <li>• self contained breathing apparatus</li> <li>• emergency air escape units (g,i)</li> <li>• fire extinguishers (g,h,i)</li> <li>• fire alarm system (g)</li> <li>• garden hoses (g,i)</li> <li>• fire blankets (g,i)</li> <li>• First aid gear (i)</li> <li>• Fire hydrants (g,i)</li> <li>• Respirators (g,i)</li> <li>• Respirator cartridges (i)</li> <li>• Acid splash suits (g,i)</li> <li>• Tyvek suits (g,i)</li> <li>• Sarauac suits (g,i)</li> <li>• Overboots (i)</li> <li>• Gloves (i)</li> <li>• Nitrogen blanket (i)</li> <li>• Activated carbon filters</li> <li>• Air monitor for oxygen and other gases (g,i)</li> <li>• Photoionization meters (g,i)</li> <li>• Phones (g)</li> <li>• Public address system (g)</li> <li>• Auto shutdown system (g,h)</li> <li>• Annulus system fluids (i)</li> </ul>	

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Waste Inventory Verification	<ul style="list-style-type: none"> <li>• Level indicators (a,b)</li> <li>• Waste inventory report (i)</li> <li>• Waste minimization procedures (i)</li> </ul>	
Communication and Security Equipment	<ul style="list-style-type: none"> <li>• Fences (i,g)</li> <li>• Gates (i,g)</li> <li>• Locks (i,g)</li> <li>• Doors (i,g)</li> <li>• Lighting (i,g)</li> <li>• Exterior signs (i,g)</li> <li>• Surveillance system (i,g)</li> <li>• Decibel level readings (i) next to all</li> </ul>	
Spill Control	<ul style="list-style-type: none"> <li>• Portable sumps (g,i)</li> <li>• Absorbents (g,i)</li> <li>• Soda ash (g,i)</li> <li>• Booms (i)</li> <li>• Pumps (g,i)</li> <li>• Generator (g,i)</li> <li>• Protective clothing (i)</li> </ul>	Monthly
Monitoring Equipment	<ul style="list-style-type: none"> <li>• Monitor well security (i)</li> <li>• Monitor well integrity (i,g)</li> <li>• Pump systems integrity (i,g)</li> <li>• Pump power system (i,g)</li> </ul>	Quarterly
Tank Integrity	<ul style="list-style-type: none"> <li>• Shell and thickness (g)</li> <li>• Labeling (g)</li> <li>• Interior inspection (g)</li> </ul>	Annually
Structures	<ul style="list-style-type: none"> <li>• roofs (g)</li> <li>• walls (g)</li> <li>• trenches (g)</li> <li>• catch basins (g)</li> <li>• piping (g)</li> <li>• Local residential water wells (i)</li> <li>• containment walls (g)</li> <li>• roadways (g)</li> <li>• manholes (g)</li> <li>• catch basins (g)</li> <li>• Coupons (g)</li> <li>• Building roofs (g,h)</li> </ul>	Annually
Post Closure Inspections	<ul style="list-style-type: none"> <li>• Security Devices (g)</li> <li>• Monitoring Wells (g)</li> <li>• Ditches (g,e)</li> <li>• Retention Basin (g,e)</li> </ul>	Quarterly

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Fire Blankets and Stretchers	<ul style="list-style-type: none"> <li>• Check for visual signs of deterioration</li> <li>• Open container and check for deterioration</li> </ul>	
Alarms	<ul style="list-style-type: none"> <li>• Insure access is not blocked</li> <li>• Insure all alarms activate</li> <li>• Insure accessibility</li> <li>• Listen for audible alarm</li> </ul>	
Safety Shower	<ul style="list-style-type: none"> <li>• Check that shower activities and shuts off properly</li> </ul>	
Eyewash Station	<ul style="list-style-type: none"> <li>• Check that eyewash activates and shuts off properly</li> </ul>	
Neutralization Station	<ul style="list-style-type: none"> <li>• Check air pressure gauge and water level</li> <li>• Check that bottles are full</li> <li>• Insure accessibility</li> </ul>	
Telephone inside Transfer Stations	<ul style="list-style-type: none"> <li>• Check phone for incoming and outgoing calls</li> </ul>	
Disposable Charcoal Filter Respirators	<ul style="list-style-type: none"> <li>• Insure an adequate supply on hand, at least 3 per employee</li> </ul>	
Vermiculite Absorbent Storage Drum	<ul style="list-style-type: none"> <li>• Check for an adequate supply; minimum inventory is one drum</li> </ul>	
Recovery Drums	<ul style="list-style-type: none"> <li>• Check if supply is adequate; minimum inventory is 6 drums</li> </ul>	
Chemical Resistant gloves	Insure adequate supplies, at least 2 pair per employee	Weekly
Rubber Suits and eye Goggles	Insure an adequate supply, at least 2 pair per employee	Weekly
First Aid Kits	Check for accessibility and supply	Weekly
<u>Security Devices</u>		
Fence and Gates	Inspect entire perimeter for breeches, corrosion	Weekly
	Insure gates open and close freely	Weekly
	Make sure gate lock functions properly	Weekly
Warning signs and no smoking signs	Checks that signs have not been detached, obscured, or defaced	Weekly

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Access Doors to Transfer Building	Check that doors open and close easily for quick exit.	Weekly
Operating and Structural Equipment		
Loading Dock and Immediate Area	Check for evidence of spilled material on dock and slab	Daily when in use and after each use, otherwise weekly.
Storage Bays and Emergency Tanks	Check for evidence of spilled material, and integrity of materials	
Drain Valves for Emergency Tanks	Make sure valves are in good condition, that they can be turned from the open position to the closed position bback to the open position	Daily when in use
	Check that valve is left in open position after inspetion	Daily when in use
Stored Durms	Check for leaks, corrosion, and swelling of drums	Upon removal at generator's facility
	On open head drums is chine seal properly sealed	Daily, thereafter, in storage
	Insure adequate space available for maneuvering forklift trucks	Daily
	Check to see that incompatibles are not stored together	Daily

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<u>Equipment</u>	<u>Types of Problems to be looked for</u>	<u>Frequency Inspection</u>
Forklift Truck	<ul style="list-style-type: none"> <li>• Check hydraulic fluid level</li> <li>• Overhaul</li> </ul>	
Drum Lifting Attachment to Forklift Truck	<ul style="list-style-type: none"> <li>• Check that drums hold securely and release easily</li> </ul>	
Hand Truck	<ul style="list-style-type: none"> <li>• Check tires for adequate inflation</li> </ul>	
Overhead Lights	<ul style="list-style-type: none"> <li>• Check all switches, report bad lamps to maintenance</li> </ul>	
Last Weeks Maintenance Check	<ul style="list-style-type: none"> <li>• Check if all items noted for repairs last week were satisfactorily resolved</li> </ul>	

**Legend Describing Types of Malfunctions to Inspect for**

- (a) Working elements sticking or otherwise not moving or functioning properly (Malfunctioning).
- (b) Verify mechanical components are working correctly with appropriate alarms and automatic shutdown devices.
- (c) Verify mechanical functioning and calibration.
- (d) Inspect for cracks, Damage or other factors that could lead to leakage of waste if in use.
- (e) Inspect for any blockages.
- (f) Verify safe aisle dimensions and remove any items that are not supposed to be in the aisles.
- (g) Check for mechanical or physical component functioning and observe for any wear or deterioration of corrosion needing repair or replacement.
- (h) Check for any signs of leakage.
- (i) Check for the existence of these items.